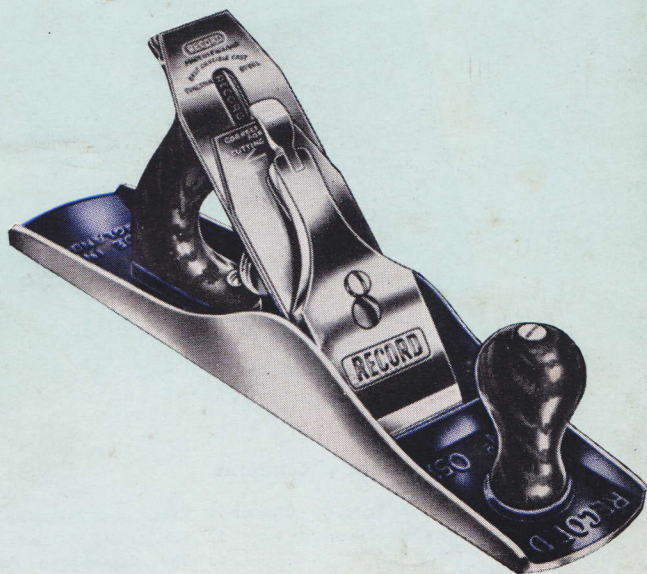


RECORD



PLANES

MADE IN ENGLAND BY

C. & J. HAMPTON LTD · RECORD TOOL WORKS · SHEFFIELD 2

“PLANECRAFT”

Revised and Enlarged.

236 Pages.

278 Illustrations and Diagrams.

Cloth Cover.

Size 9" x 6"

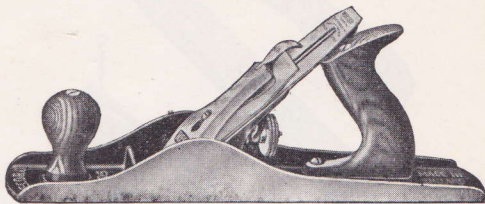


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Useful Glossary of Woodwork Terms.

RECORD ADJUSTABLE IRON PLANES



Record Planes are made in a comprehensive range of patterns and sizes suitable for all purposes. They embody many notable improvements and are produced throughout with the greatest care and accuracy.

An outstanding feature in all Record Planes is the **Tungsten Steel** Cutting Iron, which is the outcome of research and tests which have been made with the object of producing a Steel which will retain its fine edge and fast cutting quality on the hardest woods.

This Cutting Iron is hardened and tempered under scientific control, which ensures accuracy and uniformity. It is precision-ground all over, and is tested and guaranteed to be the right temper.

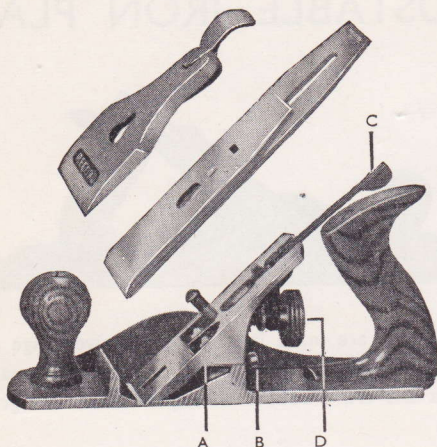
The Lever Cap and all the small screws and parts are Chrome Plated.

The Handle and Knob are made of Hardwood, carefully selected for colour and grain.

The Body is enamelled Record Blue, and the base and sides are machine-ground and polished.

All parts are interchangeable, and Spare Irons and parts can be supplied.

RECORD ADJUSTABLE IRON PLANES



Construction.

The Body is made of high-grade Cast Iron, and is ribbed where necessary to ensure strength and rigidity.

The illustration shows how the machined faces of the Frog bed firmly on to similar machined faces on the Body and are securely fastened in position by the two Frog Screws, which in effect makes the Frog solid with the Body and prevents chattering.

The parts for adjusting the Cutting Iron are accurately made to give very fine adjustment.

The Lateral Adjusting Lever is fitted with a turned Steel Roller for smooth working.

The Hardwood Handle and Knob are fastened to the Body by Steel Studs with Brass Cap Nuts.

Adjustment.

1. The Cap Iron is, of course, adjustable on the Cutting Iron to give correct settings for fine or coarse cutting.
2. The width of the effective mouth, i.e., the distance from the Cutting Edge of the Iron to the forward edge of the mouth, can be regulated as required for fine or coarse cutting by loosening the two Frog Screws A (see illustration) and turning the Adjusting Screw B until the correct setting is obtained, and afterwards tightening the two Frog Screws A.
3. The Cutting Edge of the Iron can be adjusted parallel to the base of the Body by the Lateral Adjusting Lever C.
4. The depth of cut is adjusted by the Brass Nut D.

RECORD

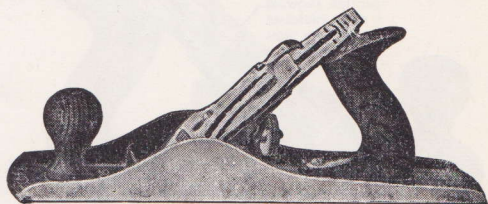
ADJUSTABLE IRON PLANES

With Warranted Best Crucible Cast
TUNGSTEN STEEL Cutting Irons.

End and Side Adjustment of Cutters.

Handles and Knobs of Selected Hardwood.

Lever Caps and Small Screws Chrome Plated.



Plane No.	Type	Length Inches	Width of Cutter Inches	Weight Pounds	Code Word
03	Smooth	8	$1\frac{3}{4}$	$3\frac{1}{2}$	lpbar
04	Smooth	9	2	$3\frac{3}{4}$	lpbes
04 $\frac{1}{2}$	Smooth	10	$2\frac{3}{8}$	5	lpbit
05	Jack	14	2	5	lpblu
05 $\frac{1}{2}$	Jack	15	$2\frac{3}{8}$	6	lpboy
06	Fore	18	$2\frac{3}{8}$	7	lpcen
07	Jointer	22	$2\frac{3}{8}$	8	lpcip
08	Jointer	24	$2\frac{5}{8}$	9	lpcor

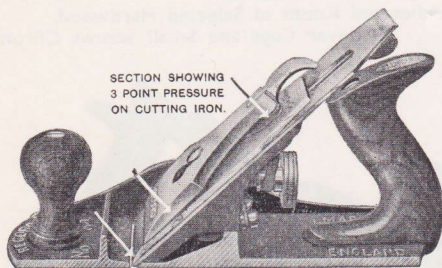
Also available with **CORRUGATED BASE.**

Spare Irons and Parts are available for all Planes listed.

RECORD ADJUSTABLE IRON PLANES

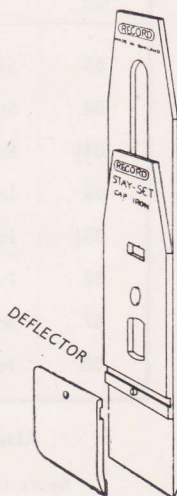
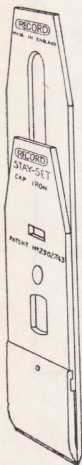
Fitted with STAY-SET CAP IRON.

Planes shown on page 7 are fitted with STAY-SET Cap Irons, and are identical in every respect with the Planes shown on the preceding pages with the exception of the Cap Iron.



The Record STAY-SET Cap Iron is an important improvement to Adjustable Iron Planes the advantages being as follows:—

1. The Cutting Iron can be honed or sharpened without unscrewing or removing the Cap Iron. The Deflector is simply lifted clear of the Cutting Iron to allow it to be sharpened, and when replaced the same setting is maintained without any adjustment. The Cutting Iron can be honed many times before it is necessary to reset the Cap Iron.
2. The application of the pressure at three points on the Cutting Iron adds greatly to the rigidity of the Plane, and eliminates all possibility of chatter.
3. The STAY-SET Cap Iron is greater in thickness and is in close contact with the Cutting Iron for the whole of its length which greatly increases the solidity and firmness of the entire cutting unit.
4. The extra thickness of the Cap Iron also provides for a longer threaded hole for the cap screw.



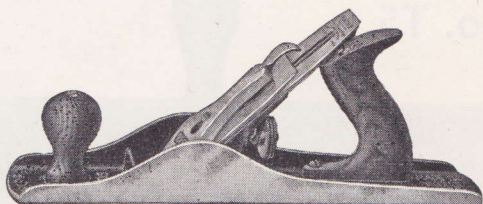
RECORD ADJUSTABLE IRON PLANES

Fitted with STAY-SET Cap Irons and
TUNGSTEN STEEL Cutters.

End and Side Adjustment of Cutters.

Handles and Knobs of Selected Hardwood.

Lever Caps and Small Screws Chrome Plated.



Plane No.	Type	Length Inches	Width of Cutter Inches	Weight Pounds	Code Word
03-SS	Smooth	8	$1\frac{3}{4}$	$3\frac{1}{2}$	Istel
04-SS	Smooth	9	2	$3\frac{3}{4}$	Istha
04 $\frac{1}{2}$ -SS	Smooth	10	$2\frac{3}{8}$	5	Istib
05-SS	Jack	14	2	5	Istoc
05 $\frac{1}{2}$ -SS	Jack	15	$2\frac{3}{8}$	6	Istud
06-SS	Fore	18	$2\frac{3}{8}$	7	Istye
07-SS	Jointer	22	$2\frac{3}{8}$	8	Isnaf
08-SS	Jointer	24	$2\frac{5}{8}$	9	Isueg

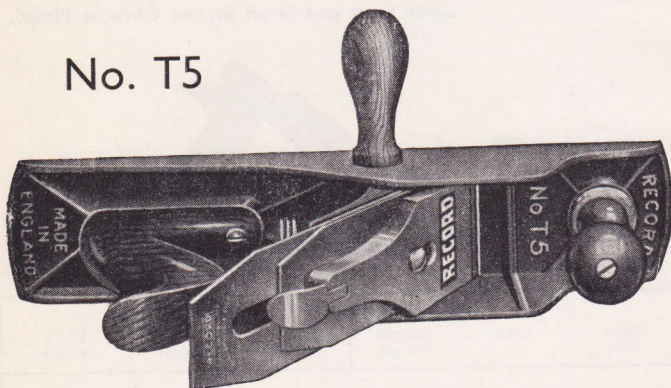
Also available with **CORRUGATED BASE.**

Spare Irons and Parts are available for all Planes listed.

RECORD TECHNICAL JACK PLANE

With Warranted Best Crucible Cast
TUNGSTEN STEEL Cutting Irons.

No. T5



This sturdily built Jack Plane has been specially designed to meet the requirements of Schools and Technical Colleges, where good tools are essential and conditions arduous.

The sole casting is designed for **strength** without undue weight. It is reinforced by ribbing across the wings from an enlarged forward web. The base and sides are machine-ground for easy and accurate work.

The operation of shooting is considerably simplified by the provision of an extra handle which can be attached to either side of the Plane.

Extended wings give a wide and steady bearing thus minimising the tendency of a young operator to cant the Plane over.

The instructor's time spent in maintenance and the time required for grinding, sharpening and setting is but a fraction of that required on a wood Jack Plane.

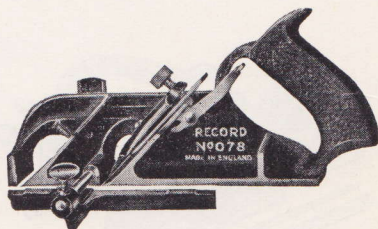
13" long. Cutter 2" wide. Weight 5 pounds. Code Word : Irect.

With Stay-Set Cap Iron : **Specify T5-SS. Code Word : Iredu.**

Spare Irons and Parts are available for all Planes listed.

RECORD DUPLEX RABBET and FILLETSTER PLANE

No. 078



This Plane has two positions for the Cutter, one for ordinary work, and the other for bull-nose work.

The Cutter, when used in the rear position, can be adjusted by the lever.

It is fitted with a hardened steel spur, an adjustable depth gauge which is removable, and an adjustable Fence which can be used on either side of the Plane.

The base and sides are ground and polished, and the fittings nickel-plated.

8½" long. 1½" Cutter. Weight 3 pounds. Code Word : Ipert.

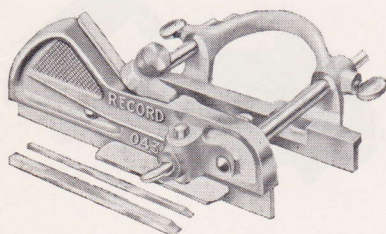
Spare Irons and Parts are available for all Planes listed.

See also page 35 for the NEW Record Improved Rabbet Plane No. 778.

RECORD PLOUGH PLANE

With 3 Tungsten Steel Cutters.

No. 043



Nickel Plated.

This Plane is suitable for grooving for Plywood Panels, etc. It is fitted with Adjustable Depth Gauge and Double Arm Bridged Fence, and will cut grooves $\frac{1}{2}$ " deep up to 4" from edge.

Three Plough Cutters are supplied with each Plane, viz., $\frac{1}{8}$ ", $\frac{3}{16}$ ", and $\frac{1}{4}$ ".

$5\frac{1}{2}$ " long.

Weight $1\frac{1}{4}$ pounds.

Code Word : lpwup.

ADDITIONAL CUTTERS for above Plane.

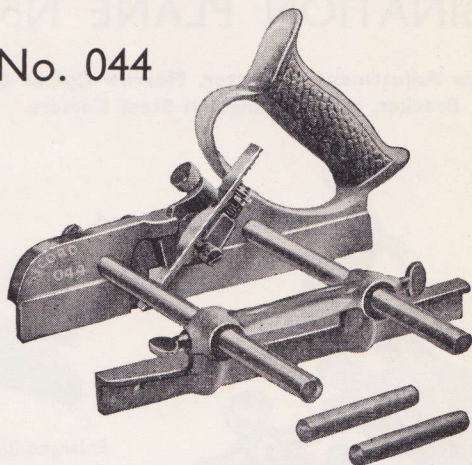
For grooving for Plywood Panels, etc., Cutters of 4, 6, 9 and 12 millimetre width are available.

Spare Irons and Parts are available for all Planes listed.

RECORD PLOUGH PLANE

With Screw Adjustment to Cutter.

No. 044



Nickel Plated.

No. 044 Plough Plane with 8 Tungsten Steel Cutters.

This Plane is fitted with Adjustable Depth Gauge, Double Arm Adjustable Bridged Fence and 2 pairs of Fence Arms (long and short), and will cut grooves $\frac{5}{8}$ " deep up to 5" from edge.

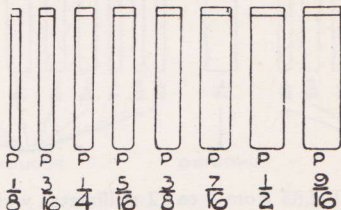
Screw adjustment is fitted which enables the Cutter to be fed into the work with an accurate and easy control, and a Cutter Clamping Screw prevents any lateral movement of the Cutter.

Eight Plough Cutters are supplied with each Plane, as illustrated.

8 $\frac{1}{2}$ " long.

Weight 2 $\frac{3}{4}$ pounds.

Code Word : Ipvim.



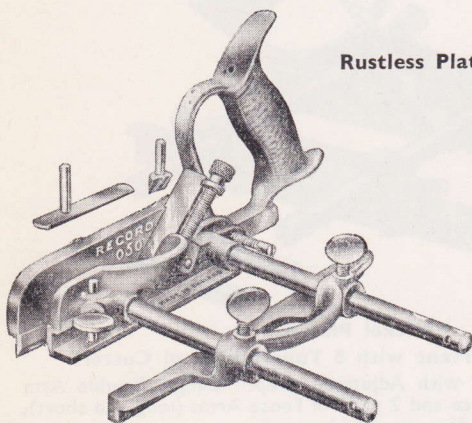
Additional Cutters of 4, 6, 9 and 12 millimetre width for grooving for Plywood Panels, etc., are available.

Spare Irons and Parts are available for all Planes listed.

RECORD

COMBINATION PLANE No. 050

With Screw Adjustment to Cutter, Narrow Cutter Clamping Bracket, and 17 Tungsten Steel Cutters.

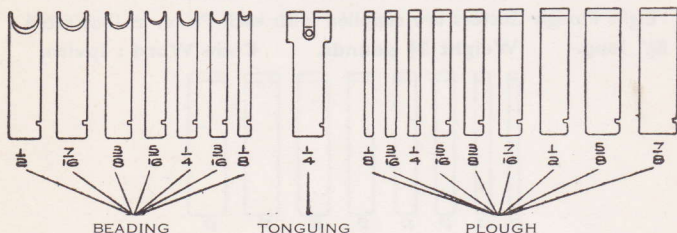


Rustless Plated.



Enlarged Illustration
of Narrow Cutter
Clamping Bracket.

The following Cutters are supplied with this Plane :—



ADDITIONAL CUTTERS from 4 to 12 millimetre width for grooving or Plywood Panels, etc., and also Tonguing Cutters $\frac{1}{8}$ " and $\frac{3}{16}$ " are available at extra charge.

RECORD

COMBINATION PLANE No. 050

This Plane is a combined tool which will perform many planing operations generally required in cabinet making and joinery, namely—

1. Ploughing.
2. Dadoing.
3. Beading.
4. Centre Beading.
5. Rabbeting and Filletstering.
6. Tonguing and Grooving.

It is fitted with spurs for cross-grain work, adjustable depth gauge, double arm adjustable bridged fence, beading stop and also shaving deflector for use when tonguing.

It will plough or rabbet $\frac{1}{2}$ " deep up to 5" from edge.

The face of the fence can be increased in depth by screwing on a hardwood fillet.

The Plane is fitted with Screw Adjustment to the Cutter, which enables it to be fed into the work with an accurate and easy control and the Cutter Clamping Screw holds the Cutter firmly in position. A set of 17 Cutters as illustrated is supplied with this Plane in addition to a Clamping Bracket for use with the Plough Cutters $\frac{1}{8}$ " and $\frac{3}{16}$ " wide. With this improved feature grooves narrower than $\frac{1}{4}$ " can be ploughed suitable for Plywood Panels, etc.

Plane $9\frac{1}{4}$ " long. Weight $3\frac{3}{4}$ pounds. Code Word : Ipfuy.

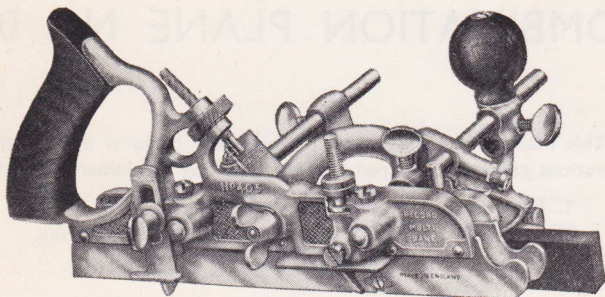
Instruction Book provided with each Plane.

Spare Irons and Parts are available for all Planes listed.

RECORD MULTI-PLANE

No. 405

with 23 Tungsten Steel Cutters.



The Record Multi-Plane, as the name implies, will perform many planing operations required by the Cabinet Maker and Joiner, namely—

- | | |
|--------------------|--------------------------------|
| 1. Ploughing. | 5. Rabbeting and Filletsterng. |
| 2. Dadoing. | 6. Match Planing. |
| 3. Beading. | 7. Sash Planing. |
| 4. Centre Beading. | 8. Slitting. |

The Record Multi-Plane possesses the following features :—

- | | |
|--------------------------------------|------------------------------|
| Screw Adjustment to the Cutter. | Slitting Cutter Stop. |
| Screw Adjustment to the Fence. | Sliding Section Depth Gauge. |
| Screw Adjustment to the Depth Gauge. | Cam Steady. |
| 2 sets of Arms (Long and Short). | Spurs for Cross Grain Work. |
| Beading Stop. | |

The metal parts are all Rustless Plated, and the Handle, Knob and Fence are of selected Rosewood.

23 Cutters, as shown opposite, are supplied with the Plane, and Additional Cutters, shown on page 16, are available at extra charge.

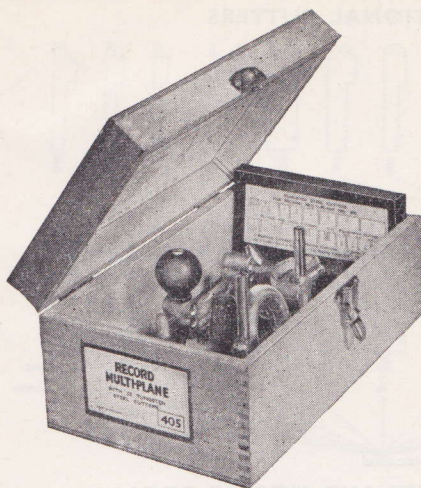
Weight $9\frac{1}{2}$ pounds.

Code Word : lphab.

Instruction Book provided with each Plane.

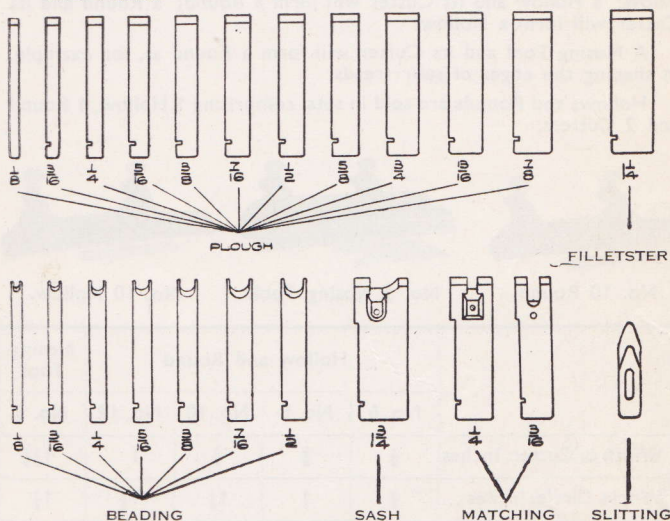
Spare Irons and Parts are available for all Planes listed.

RECORD MULTI-PLANE No. 405



Supplied complete in
varnished wood box
with chromium-plated
hinges and fastener.

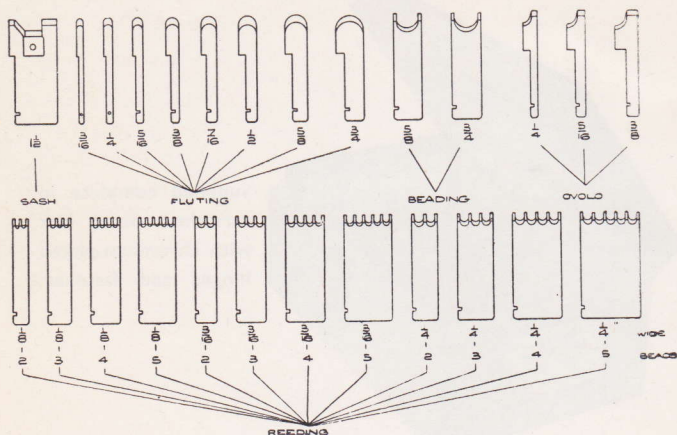
The following 23 Standard Cutters are always supplied with
this Plane.



Spare Cutters are available at extra charge.

RECORD MULTI-PLANE No. 405

ADDITIONAL CUTTERS



SPECIAL BASES AND NOSING TOOL

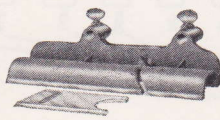
Special Bases are available for the Record Multi-Plane as illustrated below: a Hollow and its Cutter will form a Round; a Round and its Cutter will form a Hollow.

A Nosing Tool and its Cutter will form a Round as, for example, in shaping the edges of stair treads.

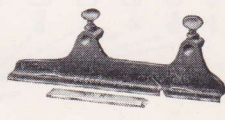
Hollows and Rounds are sold in sets, comprising 1 Hollow, 1 Round and 2 Cutters.



No. 10 Round.



No. 5 Nosing Tool.



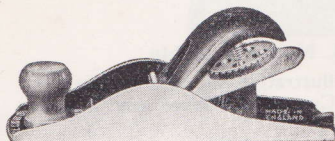
No. 10 Hollow.

	Hollow and Round				Nosing Tool
	No. 6	No. 8	No. 10	No. 12	No. 5
Width of Cutter, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{16}$
Works Circle, Inches ...	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$

RECORD BLOCK PLANES

With TUNGSTEN STEEL Cutting Irons

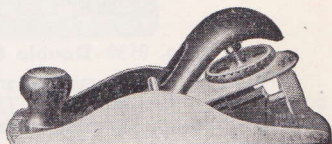
The bases and sides are ground and polished, and a hardwood knob is fitted.



No. 0110 Non-Adjustable.

The Cutter is tightened in position by a knurled wheel and screw.

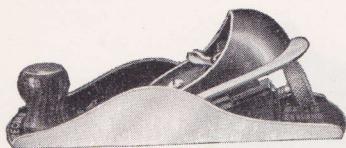
7" long. $1\frac{5}{8}$ " Cutter. Weight $1\frac{3}{8}$ pounds. Code Word: lpdau.



No. 0120 Adjustable.

This Plane has screw adjustment on the Cutter for regulating the depth of cut. The Cutter is tightened in position by a knurled wheel and screw.

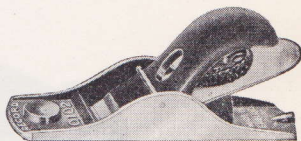
7" long. $1\frac{5}{8}$ " Cutter. Weight $1\frac{3}{8}$ pounds. Code Word: lpdiz.



No. 0220 Adjustable.

This plane has screw adjustment on the Cutter for regulating the depth of cut. The Cutter is tightened in position by a lever and cam.

7" long. $1\frac{5}{8}$ " Cutter. Weight $1\frac{3}{8}$ pounds. Code Word: lpdom.



No. 0102 Non-Adjustable.

The Cutter is tightened in position by a knurled wheel and screw.

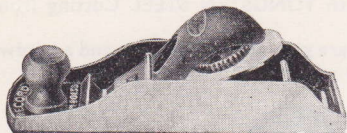
The base and sides are ground and polished.

$5\frac{1}{2}$ " long. $1\frac{3}{8}$ " Cutter. Weight $\frac{7}{8}$ pound. Code Word: lpty.

Spare Irons and Parts are available for all Planes listed.

RECORD BLOCK PLANES

With TUNGSTEN STEEL Cutting Irons.



No. 0130 Double End, Non-Adjustable.

This Plane has two mouths and illustration shows the Cutter in position for ordinary work. The Cutter and lever cap may be reversed to form a bull-nose plane.

The Cutter is tightened in either position by a nickel-plated knurled wheel and screw.

8" long. $1\frac{5}{8}"$ Cutter. Weight $1\frac{3}{8}$ pounds. Code Word : Ipdun.

RECORD BLOCK PLANES

With ADJUSTABLE MOUTH

The Cutter has screw adjustment and side-wise adjustment by a lever.

The Base and Sides are ground and polished, and there is a recess on each side for thumb and finger grip.

The Mouth is adjustable for fine or coarse work.



No. 09 $\frac{1}{2}$ Adjustable.

6" long. $1\frac{5}{8}"$ Cutter. Weight $1\frac{1}{2}$ pounds. Code Word: Irday.



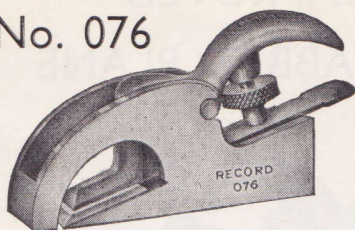
No. 018 Knuckle Joint. Adjustable.

This Plane is fitted with a Knuckle Joint Lever Cap, which is made of Steel and is Chrome Plated.

6" long. $1\frac{5}{8}"$ Cutter. Weight $1\frac{1}{2}$ pounds. Code Word : Irduo.

RECORD BULL-NOSE RABBET PLANES

No. 076



The base and sides of these planes are machined and ground. Other parts enamelled Blue. They are fitted with Tungsten Steel Cutters. Non-Adjustable.

4" long. $1\frac{1}{8}$ " Cutter. Weight 1 pound. Code Word : Ipnud.

No. 075



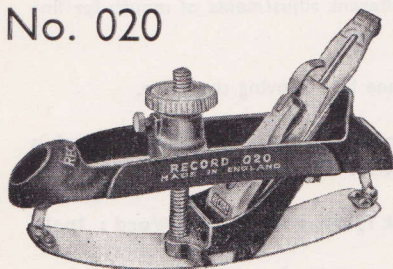
For planing into corners and difficult positions. The Mouth is adjustable. Body enamelled Blue.

4" long. 1" Cutter. Weight $\frac{5}{8}$ pound. Code Word : Ipeps.

RECORD CIRCULAR PLANE

This Circular Plane is fitted with flexible spring steel face for planing concave and convex surfaces. End and Side Adjustment of Cutter.

No. 020



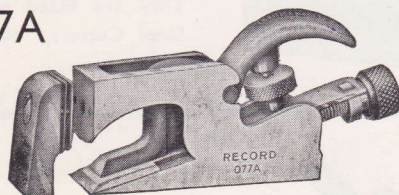
The steel face of this Plane is anchored at each end to the body, and is screw adjusted from the centre. Frame provides handles at both ends.

10" long. $1\frac{3}{4}$ " Cutter. Weight 4 pounds. Code Word : Ipfer.

Spare Irons and Parts are available for all Planes listed.

RECORD IMPROVED BULL-NOSE RABBET PLANE

No. 077A



**With Cutter and Mouth Adjustment and
Detachable Nose.**

This Plane is for fine work where extreme accuracy is required.

The base and sides are accurately machined and ground, and the plane may be used on either side.

An improved Adjustable Mouth has been embodied in this Plane by fitting two steel distance pieces between the Detachable Nose and the Plane Body, which gives four different adjustments of mouth for fine or coarse work.

It can be used as a Chisel Plane by removing the Nose.

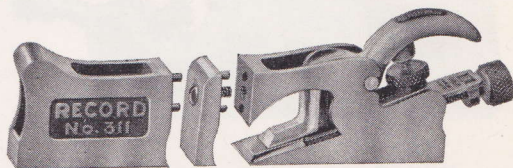
It has Screw Adjustment for regulating the depth of cut, and is fitted with Tungsten Steel Cutter.

4" long. $1\frac{1}{8}$ " Cutter. Weight $1\frac{1}{4}$ pounds. Code Word : Ipolf.

Spare Irons and Parts are available for all Planes listed.

RECORD "3 in 1" PLANE

No. 311



**Comprising Shoulder Rabbet, Bull Nose and Chisel Plane
with Cutter Adjustment.**

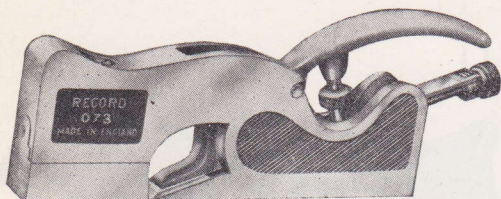
This Plane has screw adjustment on the cutter for regulating the depth of cut and is fitted with Tungsten Steel Cutter.

The base, sides and all fitting faces are accurately machined and ground.

6" long. $1\frac{1}{8}$ " Cutter. Weight 2 pounds. Code Word : Iraft.

Spare Irons and Parts are available for all Planes listed.

RECORD IMPROVED SHOULDER RABBET PLANES



With Cutter and Mouth Adjustment.

These Planes are for very fine and accurate work. The base and sides are accurately machined and ground. They will lie quite flat on either side, and can be used both right and left hand.

An improved Screw Adjustment to the Mouth has been embodied in Plane No. 073, which gives a wide range of adjustment for either fine or coarse work.

They have Screw Adjustment on the Cutter for regulating the depth of cut, and are fitted with Tungsten Steel Cutters.

Plane No.	Length Inches	Width of Cutter Inches	Weight Pounds	Code Word
*041	5	$\frac{5}{8}$	$1\frac{1}{4}$	lraso
*042	8	$\frac{3}{4}$	$2\frac{3}{4}$	lrayr
073	$8\frac{1}{8}$	$1\frac{1}{4}$	4	lpnib

*Nos. 041 and 042 are made with a one piece body, the mouth being Non-Adjustable.

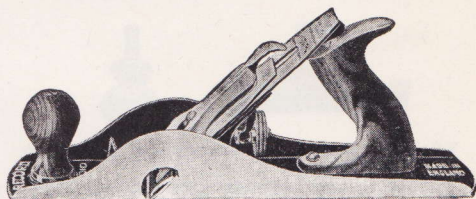
Spare Irons and Parts are available for all Planes listed.

RECORD

BENCH RABBIT PLANES

For Carriage Maker's use.

Malleable Iron Bodies.



These Planes have Malleable Iron Bodies, giving increased strength.

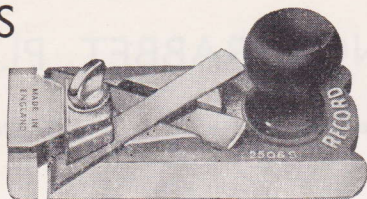
They are recommended for carriage and wagon building and similar heavy work.

The Planes are fitted with End and Side Adjustment of Cutters, the Handles and Knobs are of Selected Hardwood, and Lever Caps and Small Screws are Chrome Plated.

Plane No.	Length Inches	Width of Cutter Inches	Weight Pounds	Code Word
010 $\frac{1}{2}$	9	2 $\frac{1}{8}$	3 $\frac{1}{4}$	lpesu
010	13	2 $\frac{1}{8}$	4 $\frac{1}{4}$	lpeep

Spare Irons and Parts are available for all Planes listed.

RECORD SIDE RABBET PLANES No. 2506S



**Nickel
Plated**



With Adjustable and Reversible Depth Stop.

For side rabbeting and cleaning grooves, mouldings, etc. The Nose can be removed for working close up into corners.

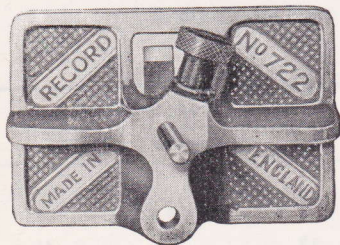
Weight $\frac{5}{8}$ pound. Code Word : Ircir.

No. 2506 Same as above without Depth Stop.

Weight $\frac{5}{8}$ pound. Code Word : Ircep.

RECORD ROUTER PLANE

No. 722



This Plane is for cutting grooves, etc., parallel to the surface of the work. Two holes are provided in the body, giving alternative positions for the cutter.

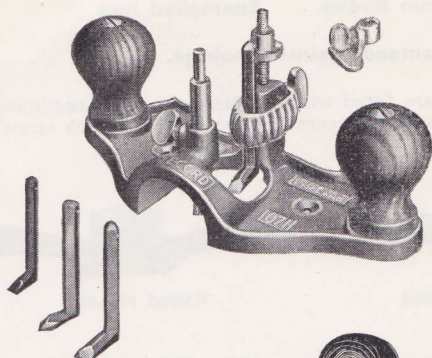
$\frac{1}{4}$ " width of Cutter. Weight $\frac{3}{4}$ pound. Code Word: Irebs.

Spare Irons and Parts are available for all Planes listed.

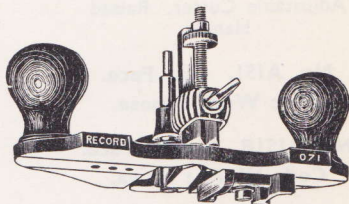
RECORD ROUTER PLANE

Open Throat.

With Improved Adjustable Fence.



No. 071



Showing Fence in position.

These Planes are for cutting grooves, etc., parallel to the surface of the work. The improved Fence enables grooves to be cut parallel to the edge of the work whether straight or circular.

The Fence is adjustable and can be used either right or left hand.

The Cutters are adjustable by Screw Feed, and can be secured on the front of the Cutter Post for general work or on the back for Bull Nose work.

For narrow surfaces there is an adjustable shoe for closing the throat. The rod may also be used, either end up, as a guide for the Cutter. When detached from the body of the Router the rod and shoe form an efficient depth gauge.

An extra wooden bottom can be attached to the Plane for routing wide grooves.

7½" long. Hardwood Knobs.

3 Cutters, ¼", ½", and Smoothing Cutter.

Weight 2¼ pounds. Code Word : Ipfot.

Spare Irons and Parts are available for all Planes listed.

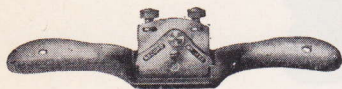
RECORD SPOKE SHAVES

With TUNGSTEN STEEL Cutters.

Malleable Iron Bodies. Enamelled Red.

Guaranteed against breakage.

These Spoke Shaves are fitted with Double Irons. The combined Cap Iron and Lever Cap being secured by means of a thumb screw.



Adjustable Cutter. Raised Handle.

No. A151. Flat Face.

Code Word : Ipsosa.

No. A151R. Round Face.

Code Word : Ipswa.

10" long. $2\frac{1}{8}$ " Cutter.

Weight 5 pounds per half-dozen.



Raised Handle.

No. A51. Flat Face.

Code Word : Iporl.

No. A51R. Round Face.

Code Word : Ipsil.

10" long. $2\frac{1}{8}$ " Cutter.

Weight $4\frac{3}{8}$ pounds per half-dozen.



Straight Handle.

No. A63. Round Face.

Code Word : Ipowb.

9" long. $1\frac{3}{4}$ " Cutter.

Weight 3 pounds per half-dozen.



Straight Handle.

No. A64. Flat Face.

Code Word : Ipowc.

9" long. $1\frac{3}{4}$ " Cutter.

Weight 3 pounds per half-dozen.

Spare Irons and Parts are available for all Spoke Shaves listed.

RECORD SPOKE SHAVES

With TUNGSTEN STEEL Cutters.

Cast Iron Bodies.

Enamelled Blue.

These Spoke Shaves are fitted with Double Irons. The combined Cap Iron and Lever Cap being secured by means of a thumb screw.



Adjustable Cutter
Raised Handle.

No. 015I. Flat Face.

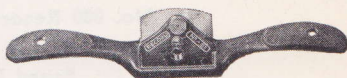
Code Word : Ippol.

No. 015IR. Round Face.

Code Word : Ippra.

10" long. $2\frac{1}{8}$ " Cutter.

Weight $4\frac{1}{4}$ pounds per
half-dozen.



Raised Handle.

No. 05I. Flat Face.

Code Word : Ippaf.

No. 05IR. Round Face.

Code Word : Ippeg.

10" long. $2\frac{1}{8}$ " Cutter.

Weight $4\frac{1}{8}$ pounds per
half-dozen.

RECORD CHAMFER SPOKE SHAVE

No. A65

With TUNGSTEN STEEL Cutter.

Malleable Iron Body.

Enamelled Red.

Guaranteed against breakage.



An adjustable chamfer Spoke Shave which will work chamfers up to $1\frac{1}{2}$ ". It is fitted with double iron. The combined Cap Iron and Lever Cap is secured by a thumb screw.

Adjustable Chamfer.

Straight handle.

No. A65.

Code Word : Ipsag.

$10\frac{1}{2}$ " long. $1\frac{1}{2}$ " Cutter.

Weight $5\frac{1}{8}$ pounds per half-dozen.

Spare Irons and Parts are available for all Spoke Shaves listed.

RECORD SCRAPERS



No. 080 Record Cabinet Scraper.

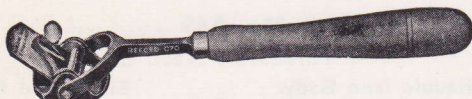
Raised Double Handle.

The Scraping Iron is made to cut freely by springing it to a slight curve by the adjustment of the thumb screw.

The Iron has two scraping edges, and is reversible.

11½" long. 2¾" Cutter. Weight 1½ pounds.

Code Word : Iprod.



No. 070 Record Box Scraper.

This Box Scraper is for scraping stencils and marks from the surface of boxes, floors, etc.

The Handle is hinged on the body, and the Cutter and bottom are slightly curved for scraping uneven surfaces. Ash Handle.

13" long. 2" Cutter. Weight 1 pound.

Code Word : Ipryf.

Spare Irons and Parts are available for Scrapers listed.

RECORD PLANE IRONS

(Tungsten Steel)

The use of a Special Crucible Cast TUNGSTEN STEEL for Plane Irons or Cutters has been developed by the makers of Record Planes, and as a result of metallurgical research and exhaustive tests a quality of Steel has been produced which will retain its fine edge and fast cutting quality on the hardest woods.

Record Plane Irons are hardened and tempered under scientific control which ensures accuracy and uniformity. They are precision ground all over to ensure uniform thickness and alignment which are so vital to the efficiency of the whole assembly and which eliminates the possibility of chatter or vibration.

THE REASON WHY RECORD PLANE IRONS CUT FASTER AND LAST LONGER



Tungsten Steel.

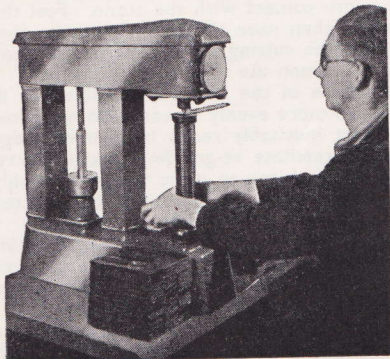
Views under microscope on same magnifications.



Ordinary Cast Steel.

These photographs show the fineness of the grain of Tungsten Steel compared with that of ordinary Cast Steel.

This density of structure means that Tungsten Steel is more resistant to wear and will take a keener cutting edge and hold it for a longer time than any other steel.

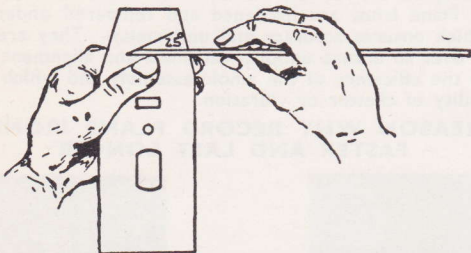


Testing Record Plane Irons.

Every Record Plane Iron passes a final test on a Hardness Testing Machine and is guaranteed to be the right temper and correct in every way.

HINTS FOR GRINDING AND HONING PLANE IRONS

The best results are only obtained when the Bevel of the Cutting Iron is ground at the correct angle, that is 25 degrees. A line gauge for this purpose is stamped on Record Cap Irons and should be used as shown below. Water should be used on the grindstone wherever possible to prevent the temper of the Iron being drawn and a square should be used to ensure that the cutting edge is ground square with the sides of the Iron.



The process of honing or whetting is simply rubbing the bevelled edge of the Iron on the face of the oilstone. The best kind of stone for Plane Irons (and also for Chisels and other carpenters' tools) is a medium cutting grit which may be either natural or artificial, i.e., manufactured. With natural stones, there is still an element of luck as to whether one secures a good one, but if a well-known brand is procured, such as the Lillywhite Washita, it is possible to get a good one.

Of the manufactured stones, the India stone will serve well, and a two-sided one, i.e., medium and fine, will give good service. For a very keen edge that is a delight to use, the edge should be finished off on an Arkansas stone. If the stone is new it should be soaked in oil for a few days (India stones excepted, for they are oil-filled already).

First put a few drops of oil on the stone and wipe it thoroughly clean with a rag—not shavings, which are apt to fill the pores of the stone with dust and grit. Having cleaned the stone and put a few drops of oil on it, bring Iron into contact with the stone. Feel the bevel in contact throughout and then raise the back slightly so that you will work on the front, i.e., the cutting edge. The best motion is “to and fro,” though some craftsmen use a figure of 8 motion.

Use as much of the flat surface of the stone as possible, for in this way the wear on the stone is more evenly spread. Do not allow the iron to “rock,” as this must inevitably result in a curved edge that cannot cut well and will necessitate re-grinding straight away. Keep the wrists rigid and the angle of iron to stone constant. Apply a moderate pressure and keep whetting until the line of reflected light on the edge disappears.

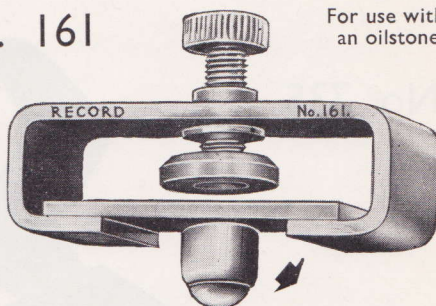
There will be a certain amount of wire edge rubbed away, and this will hang on at the extreme edge. To remove it, turn the Iron over absolutely flat on the stone and give two or three light rubs. On no account have the Iron raised so that this produces a bevel.

An ultra keen edge can be obtained by finishing off on a leather strop placed flat on the bench. The strop should be dressed with Russian tallow and a little fine flour emery.

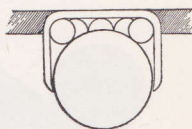
RECORD EDGE TOOL HONER

No. 161

For use with
an oilstone.



(Patent Pending)



A simple-to-use tool for **honoring chisels, plane irons and spokeshave irons**, ensuring a correct cutting angle.

The thumbscrew and swivel pad give a firm grip on the tool being sharpened, and the large rotating stainless steel ball running in a ball race permits a universal movement on the oilstone, allowing the whole surface to be used.

Weight $\frac{3}{8}$ lb.

Code Word : Ipunk.

RECORD SOFT & HARDBOARD PLANE

No. 735



Grooving Attachment

Patent Nos. 755,582 and 757,574.

Packed 1 per box.

RECORD SOFT & HARDBOARD PLANE

No. 735

Patent Nos. 755,582 and 757,574.

This Plane, simple in design and operation, can be used on all types of soft insulating board and on hard or tempered board.

On soft insulating board it is capable of bevelling up to $\frac{3}{8}$ " depth at 45°; grooving (using grooving attachment) up to $\frac{3}{8}$ " depth or slitting up to $\frac{1}{2}$ " thickness.

On hard or tempered board it will bevel up to $\frac{3}{16}$ " depth at 45°.

Supplied complete with Detachable Fence, Grooving Attachment 6 razor blade type cutters for soft insulating board and one cutter for hardboard.

Length 10 $\frac{1}{4}$ ". Weight 2 $\frac{7}{8}$ lbs. Code Word : Irboz.

SPARE CUTTERS

Razor blade type cutters (packed six per carton) suitable for No. 730 and No. 735.

Hardboard cutters (individually packed) suitable for No. 735 only.

RECORD SOFTBOARD PLANE

No. 730



Patent No. 741,796.

A simple dual purpose tool designed to slit and bevel all types of soft insulating board.

It will slit material up to $\frac{1}{2}$ " thickness and bevel up to $\frac{3}{8}$ " depth at 45° .

Supplied with detachable fence and six razor blade type cutters.

$8\frac{1}{4}$ " long. Weight $1\frac{1}{2}$ lbs. Code Word : Irbly.

Packed 1 per box.

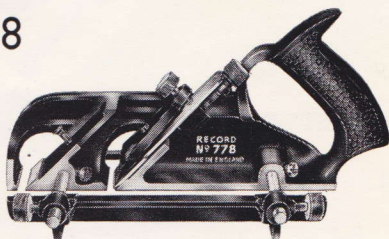
SPARE CUTTERS

Razor blade type cutters (packed six per carton) suitable for No. 730 and No. 735.

Hardboard cutters (individually packed) suitable for No. 735 only.

RECORD IMPROVED RABBET PLANE

No. 778



- Screw Adjustment to Cutter.
- Double Arm Fence.

This Plane has two positions for the Cutter, one for ordinary work, and the other for bull-nose work.

The Cutter, when used in the rear position, is screw adjusted which enables it to be fed into the work with an accurate, positive and easy control.

It is fitted with a hardened steel spur, and an adjustable depth gauge which is removable. The adjustable Fence which can be used on either side of the Plane has two arms which make accurate setting and control an easy operation.

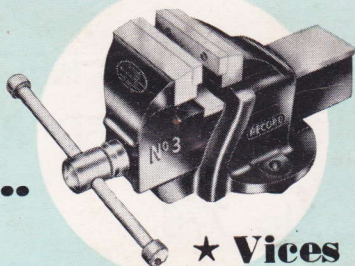
The base and sides are ground and polished, and the fittings nickel-plated.

8 $\frac{1}{2}$ " long. 1 $\frac{1}{2}$ " Cutter. Weight 3 $\frac{3}{4}$ pounds. Code Word : Ipeir.

Spare Irons and Parts are available for all Planes listed.

The range of **RECORD TOOLS**

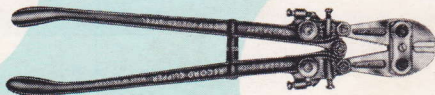
Includes.....



★ Vices



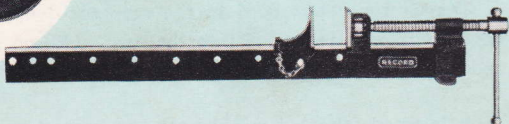
★ Pipe Tools



Bolt Clippers ★



★ Cramps



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